BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

DASARAHALLI-SUB-DIVISION.

Name of Work: Improvements to RCC drain & covering slab at Kalasti Nagara main road & cross roads near Kaliyamma temple in Dasarahalli Ward No.15.

Estimate Cost :-50.00 Lakhs

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DASARAHALLI ZONE

Name of Work:Improvements to RCC drain & covering slab at Kalasti Nagara main road & cross roads near Kaliyamma temple in Dasarahalli Ward No.15.

Sl	Description of Item	Unit	No	L	B	D	Est. Cost Rs 50.00 Lakhs Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2016-17								
	Main road R/s	Cum	1	1	172.00	1.20	1.00	206.40		
	Main road L/s		1	1	152.00	1.20	1.00	182.40		
	Road		1	1	142.00	4.20	0.30	178.92		
	Drain Bottom at Grape garden back side		1	1	13.00	1.40	1.00	18.20		
								585.92	166.42	97509.00
	Basic Rate	157.00								
	Add Area Weightage 6%	9.42								
	Total	166.42								
2	KSRB 4 -1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (PWD SR 2016-17 Page No.12 Item No. 4.3)								
	for drain	Cum	1	1	172.00	1.20	0.15	30.96		
	for drain		1	1	152.00	1.20	0.15	27.36		
	ROAD		1	1	142.00	4.20	0.15	89.46		
	Drain Bottom at Grape garden back side		1	1	13.00	1.40	0.15	2.73		
	curb stone bottom		1	1	172.00	0.15	0.15	3.87		
	curb stone bottom		1	1	152.00	0.15	0.15	3.42		
	Basic Rate	4867.00						157.80	5159.02	814093.00
	Add Area Weightage 6%	292.02								
	Total	5159.02								
3	KSRRB M2200-5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height. (Pg.No.223, It.no.28.7.9)								
	Drain Bottom	Cum	1	1	172.00	0.90	0.15	23.22		
	Drain Bottom		1	1	152.00	0.90	0.15	20.52		
	Side wall		1	2	172.00	0.75	0.15	38.70		
	Side wall		1	2	152.00	0.75	0.15	34.20		
	Road		1	1	142.00	4.20	0.15	89.46		
	Drain Bottom at Grape garden back side		1	1	13.00	1.40	0.15	2.73		
	Side wall		1	2	13.00	0.75	0.15	2.93		
								211.76	6965.26	1474929.00
	Basic Rate	6571.00								
	Add Area Weightage 6%	394.26								
	Total	6965.26								

Sl	Description of Item	Unit	No		L	B	D	Qty	Rate	Amount
4	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.17 - I. no.28.8.2]									
	60kg	MT			211.76	60.00	kg/cum	12705.30		
							MT	12.71	66482.14	844676.00
	Basic Rate	62719.00								
	Add Area Weightage 6%	3763.14								
	Total	66482.14								
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc,. And removal of form work for vertical surface such as walls at any thickness, includig attached pilasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specifications. (Pg. No.15, It. No. 4.31)									
	R/s	Sqm	1	4	172.00		0.90	619.20		
	L/s		1	4	152.00		0.90	547.20		
	Drain Bottom at Grape garden back side		1	2	13.00		0.90	23.40		
								1189.80	310.58	369528.00
	Basic Rate	293.00								
	Add Area Weightage 6%	17.58								
	Total	310.58								
6	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli zone									
	R/s	Sqm	1	1	172.00	0.90		154.80		
	L/s		1	1	152.00	0.90		136.80		
	Drain Bottom at Grape garden back side		1	1	13.00	1.40		18.20		
	Missing Slabs		1	86	0.90	0.60		46.44		
								356.24	1698.00	604896.00
	Date Rate Approved									
7	Providing and fixing Pre cast solid cement concrete kerb stones made out of No272.21 C.C 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (PWD SR 2016-17, Page No.25, Item No. 5.30)									
	1x324/0.45=720.00	No	1	1	324.00	0.45		720.00		
								720.00	331.78	238882.00
	Basic Rate	313.00								
	Add Area Weightage 6%	18.78								
	Total	331.78								
8	KSRRB : Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Page No. 176, Item No. 24.1)									
		Sqm	1	324	0.45			145.80		
								145.80	63.60	9273.00
	Basic Rate	60.00								
	Add Area Weightage 6%	3.60								
	Total	63.60								

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2016-17								
		Cum		Qty Vide Item No. 1			578.40	85.65	49539.00
	Loading and Unloading Charges	68.00					585.92		50183.00
	Lead 4 KMs 2.5x1.28x4	12.80							
		80.80							
	Add Area Weightage 6%	4.85							
	Total	85.65							4503969.00
							Sub Total		4309406.00
10	KRIDL & Quality control Test Charges ~~9+1=9%~~ 11%								~~387847.00~~ 495437
11	~~Miscellaneous and EMC Charges 7%~~								~~301658.00~~ 594.00
12	Roundoff								~~1089.00~~
								Total	5000000.00
	Rupees Fifty Lakhs Only								

CERTIFICATE

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW.P & IWTD -SR-2016-17
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward No 15

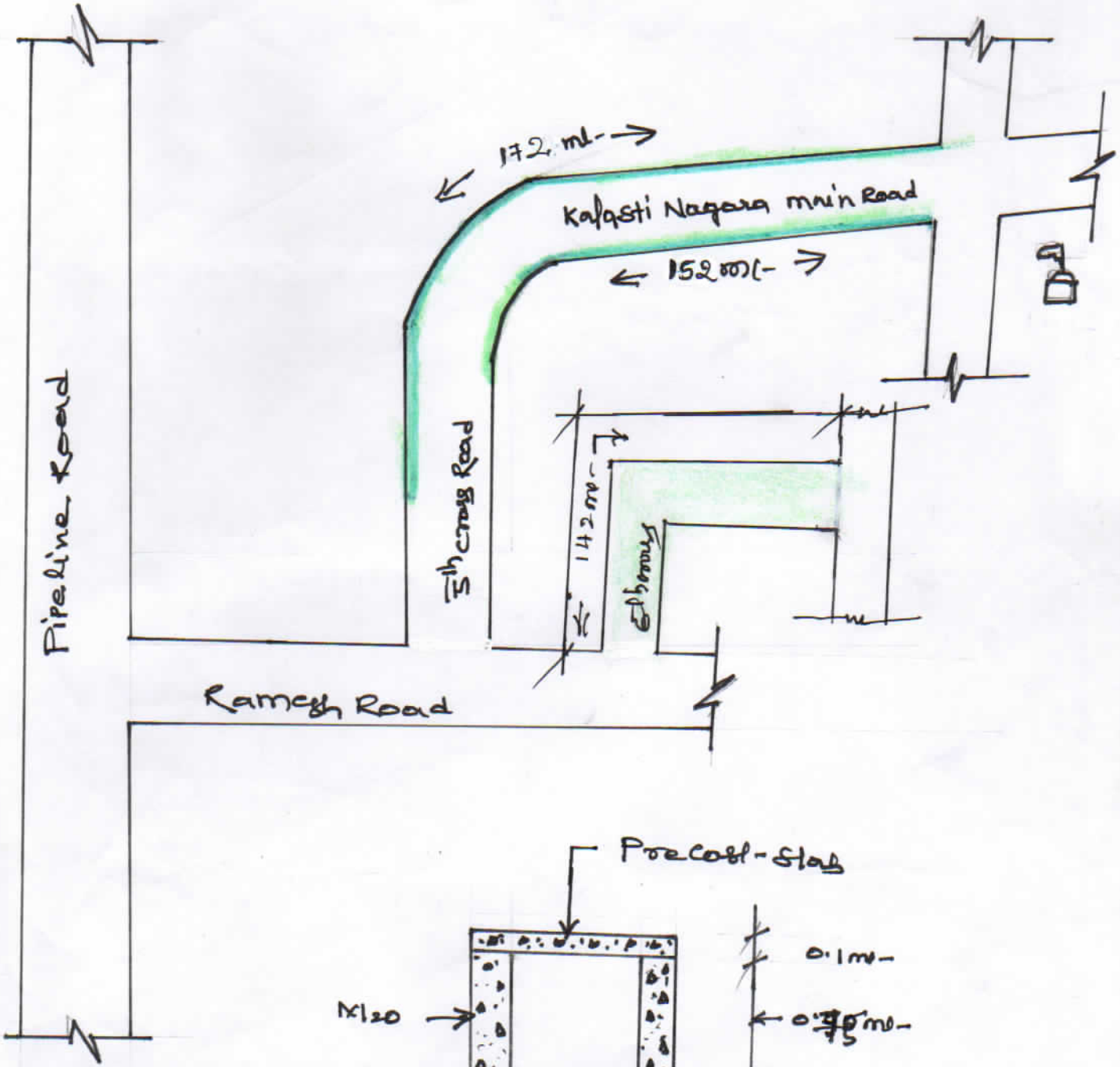
Assistant Executive Engineer
T. Dasarahalli Sub-Division

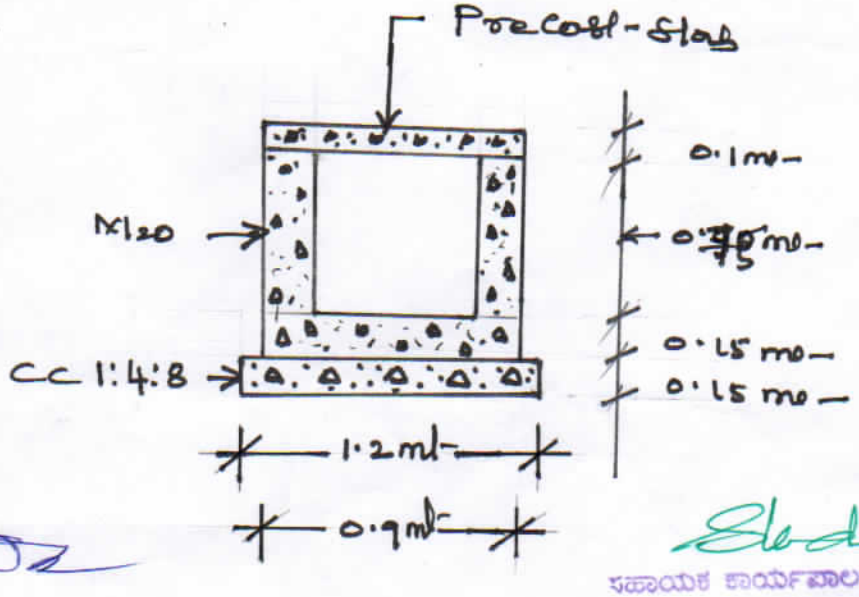
Executive Engineer
Dasarahalli Division

ನಂ.EE/DD/AS/ 174 17-18 ದಿನಾಂಕ : 16-10-17
ರೂ. Rs 50.00 Lakhs (Fifty Lakhs Only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE/TC/227/17-18 ದಿನಾಂಕ : 24/10/2017
Rs. 50.00 lakh only
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲಾಗಿದೆ
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Name of the WORK :- Improvements to RCC drain & Covering slab at Kalasti Nagara main Road & Cross Road Near Kaliyamma temple in Dasara halli ward No. 15





ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಟಿ.ದಾಸರಹಳ್ಳಿ, ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು